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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 12 May 2014 from the Permanent Mission of the Russian Federation to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the Russian Federation to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit registration data on space launches by the Russian Federation in February and March 2014 and also on the space objects that ceased to exist during that period (see annexes I and II).

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Annex I

Registration data on space launches by the Russian Federation for February 2014*

1. In February 2014, the following space object under the jurisdiction and control of the Russian Federation was launched:

			Basic orbital characteristics				
Number	*Name of space object*	*Date of launch*	*Apogee (km)*	*Perigee (km)*	*Inclination (degrees)*	*Period (minutes)*	*General function of space object*
3386-2014-001	Progress M-22M, launched by a Soyuz-U carrier rocket from the Baikonur launch site	5 February	229	188	51.6	88.6	Delivery to the International Space Station of fuel, water, oxygen, air, food and other consumable materials required for manned operation of the Station

2. In February 2014, the Russian Federation launched the following space object on behalf of a foreign client:

On 15 February 2014, the Turksat 4A telecommunications satellite (Turkey) was launched from the Baikonur launch site by a Proton-M carrier rocket with a Breeze-M booster.

3. The following space object ceased to exist in February 2014 and was no longer in Earth orbit as at 2400 hours Moscow time on 28 February 2014:

2013-039A (Progress M-20M), deorbited into the Pacific Ocean at a predetermined location on 11 February 2014; fragments of the space object that had not burned up were sunk.

* The registration data are reproduced in the form in which they were received.

Annex II

Registration data on space launches by the Russian Federation for March 2014*

1. In March 2014, the following space objects under the jurisdiction and control of the Russian Federation were launched:

Number	*Name of space object*	*Date of launch*	*Basic orbital characteristics*				*General function of space object*
			Apogee (km)	*Perigee (km)*	*Inclination (degrees)*	*Period (minutes)*	
3387-2014-002	Express-AT1[a]	16 March	35 903	35 701	0.1	1 441	Telecommunications satellite
3388-2014-002	Express-AT2[a]	16 March	35 859	35 564	0.1	1 440	Telecommunications satellite
3389-2014-003	Cosmos-2492, launched by a Soyuz-2.1b carrier rocket with a Fregat booster from the Plesetsk launch site	24 March	19 153	19 128	64.8	675	Work on the Global Navigation Satellite System (GLONASS)
3390-2014-004	Soyuz TMA-12M, launched by a Soyuz-FG carrier rocket from the Baikonur launch site	26 March	262	200	51.7	88.1	Delivery to the International Space Station of the crew of Expeditions 39 and 40, consisting of Aleksei Skvortsov (Russian Federation), commander, and Oleg Artemyev (Russian Federation) and Steven Swanson (United States of America), flight engineers

[a] Space objects launched by a single Proton-M carrier rocket with a Breeze-M booster from the Baikonur launch site.

2. In March 2014, the Russian Federation did not launch any space objects on behalf of foreign clients.

3. The following space object ceased to exist in March 2014 and was no longer in Earth orbit as at 2400 hours Moscow time on 31 March 2014:

2013-054A (Soyuz TMA-10M), which landed at a predetermined location with members of International Space Station Expedition 39 on 11 March 2014.

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Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 13 May 2014 from the Permanent Mission of the United States of America to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United States of America to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit registration data on objects launched into outer space by the United States for the period from October to December 2012 (see annexes I-III).

The United States requests that the space objects contained in the annexes to this document be placed on the Register of Objects Launched into Outer Space maintained by the United Nations. In submitting this request, the United States notes that, consistent with its longstanding registration practice, the United States is not necessarily a launching State for each of the space objects it registers. The United States makes this request in the spirit of contributing to the practical effectiveness of the treaties and is providing information to the greatest extent practicable.

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Annex I

Registration data on space launches by the United States of America for October 2012*

The following report supplements the registration data on United States space launches as at 31 October 2012. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2012-053A	Navstar 67	4 October 2012	–	359.0	43.3	20 395	240	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2012-053B	Delta 4 R/B	4 October 2012	–	758.7	54.6	21 963	20 399	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1998-067CQ	Tech-Ed-Sat	4 October 2012	International Space Station: Kibo	92.6	51.6	410	391	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
The following objects not previously reported have been identified since the last report:								
None.								
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2359Z on 31 October 2012:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 31 October 2012:								
2012-054A	Dragon CRS-1	8 October 2012	–	89.8	51.7	336	213	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2012-054B	Orbcomm OG2	8 October 2012	–	89.8	51.7	332	212	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2012-054C	Falcon 9 R/B	8 October 2012	–	89.4	51.7	321	213	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

* The registration data are reproduced in the form in which they were received.

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	

The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 October 2012:

None.

The following objects were launched since the last report but did not achieve orbit:

None.

Revisions that should be made to previously reported data:

None.

Annex II

Registration data on space launches by the United States of America for November 2012*

The following report supplements the registration data on United States space launches as at 30 November 2012. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2012-065A	Echostar 16	20 November 2012	Baikonur, Kazakhstan	141.8	50.3	4 993	266	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

The following objects not previously reported have been identified since the last report:

None.

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2359Z on 30 November 2012:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 30 November 2012:

None.

The following objects identified in a previous report were no longer in orbit as at 2359Z on 30 November 2012:

1992-038A

The following objects were launched since the last report but did not achieve orbit:

None.

Revisions that should be made to previously reported data:

None.

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Annex III

Registration data on space launches by the United States of America for December 2012*

The following report supplements the registration data on United States space launches as at 31 December 2012. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2012-071A	OTV 3	11 December 2012	–	91.5	43.5	356	349	Reusable space transportation systems
The following objects not previously reported have been identified since the last report:								
None.								
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2359Z on 31 December 2012:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 31 December 2012:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 December 2012:								
None.								
The following objects were launched since the last report but did not achieve orbit:								
None.								
Revisions that should be made to previously reported data:								
None.								

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